

## DESCRIPTION

### Liquid Emitting Apparatus and Method

#### Technical Field

This invention relates to liquid emitting methods and apparatus for emitting a liquid, thrust by a pressure generated by a pressure generating device, onto a support via emitting port in the form of liquid droplets.

The present application is a 371 U.S. National Stage filing of PCT/JP2004/014611, filed October 4, 2004, which claims priority to Japanese Patent Application JP-2003-344971 filed in the Japanese Patent Office on October 2, 2003, the entire contents of which being incorporated herein by reference.

#### Background Art

As an apparatus for emitting the liquid, there has so far been known a printer apparatus of the ink jet system in which the ink is emitted via liquid emitting head onto a recording paper sheet, as a support, for recording an image or letters/ characters thereon. The printer apparatus, employing this ink jet system, has merits that it is low in running costs and small-sized and lends itself to printing an image as a color image. In the printing apparatus of the ink jet system, inks of plural colors, exemplified by yellow, magenta, cyan and black, are supplied from ink cartridges, containing the inks of these various colors, into e.g. ink liquid chambers of a liquid emitting head.

With this printer apparatus, the inks supplied to for example the ink liquid chambers are thrust by pressure generating devices, such as heating resistors,